

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 4684 | 385/33,50,72,74,93.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:51 |
| L2 | 4058 | 385/33,50,72,74.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:52 |
| L3 | 392 | L2 and (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:52 |
| L4 | 563 | 1 and (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:52 |
| L5 | 353 | 4 and (@ad<"20020126") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:52 |
| S1 | 24 | ("5325456".pn.) or ("5375181".pn.) OR ("6282339".PN.) or ("4682018".PN.) OR ("4743751".PN.) OR ("5815497".PN.) OR ("5864577".PN.) OR ("5850390".pn.) or ("6625174".pn.) or ("5973327".pn.) or ("6512231".pn.) or ("6583419".pn.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 12:18 |
| S2 | 3690 | 385/33,50,72,74.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 10:25 |
| S3 | 359 | S2 and (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:52 |
| S4 | 39 | S2 and (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) with (substrate or support or base)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 10:26 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S5 | 0 | (((((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) with (substrate or support or base)) and (((substrate or base or support) with (drill or drilled or drilling)) with (angle or slanted or angled or slant or inclined or incline))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 11:07 |
| S6 | 7 | (((((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) with (substrate or support or base)) and (((substrate or base or support) with (cut or cuts or cutting or shaped or shapes or shape)) with (angle or slanted or angled or slant or inclined or incline))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 10:24 |
| S7 | 4227 | 385/33,50,72,74,93.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/03/09 16:51 |
| S8 | 517 | S7 and (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 10:34 |
| S9 | 62 | S7 and (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) with (substrate or support or base)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 10:26 |
| S10 | 23 | S9 not S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 10:26 |
| S11 | 66 | ("4897711" "4919506" "5066090" "5073003" "5093879" "5357590" "5390271" "5420953").PN. OR ("5600741"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/10 10:27 |
| S12 | 7 | ("5125054" "5170448" "5394490" "5600741" "6236786" "6285808").PN. OR ("6804423"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/10 10:29 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| S13 | 56 | (((fiber or waveguide or lightguide) with (lens or lenses)) with (ferrule or tube or ferrules or tubes)) and(substrate or support or base)) and (((substrate or base or support) with (cut or cutting or cuts or etch or etching or etched or shaped or shape or shaping)) with (angle or slanted or angled or slant or inclined or incline)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 11:13 |
| S14 | 35 | (US-20050226563-\$ or US-20020081066-\$ or US-20050036740-\$ or US-20040175073-\$ or US-20040109640-\$ or US-20040086226-\$ or US-20040062478-\$ or US-20030219203-\$ or US-20030206690-\$ or US-20030185519-\$ or US-20030185507-\$ or US-20030179993-\$ or US-20030138215-\$ or US-20030138183-\$ or US-20030103725-\$ or US-20030063853-\$ or US-20030044115-\$ or US-20050147345-\$ or US-20030081897-\$).did. or (US-6282339-\$ or US-5375181-\$ or US-5325456-\$ or US-5768458-\$ or US-6804423-\$ or US-6430337-\$ or US-6907163-\$ or US-6850669-\$ or US-6792211-\$ or US-6751379-\$ or US-6438290-\$ or US-5682452-\$ or US-5479541-\$ or US-5384874-\$ or US-4925267-\$ or US-4893890-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/02/10 11:11 |
| S15 | 0 | S14 and (drill or drilled or drilling) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 11:12 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S16 | 0 | (((((fiber or waveguide or lightguide) and (lens or lenses)) with (ferrule or tube or ferrules or tubes)) and ((drill or drilled or drilling) near5 (substrate or support or base))) and (((substrate or base or support) with (cut or cutting or cuts or etch or etching or etched or shaped or shape or shaping)) with (angle or slanted or angled or slant or inclined or incline))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 11:14 |
| S17 | 12 | S14 and (cuts or cutting or cut) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 11:29 |
| S18 | 20 | ("4119363" "4615031" "4701011" "4826276" "4844573" "4865410" "5037174" "5046798" "5074682").PN. OR ("5325456").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/10 11:42 |
| S19 | 4 | ("6496623" or "4701001").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 11:46 |
| S20 | 10 | ("20020067886" "4252294" "4883333" "5159491" "5345336" "5742720" "6269203" "6620154").PN. OR ("6751379").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/10 12:00 |
| S21 | 7 | ("5125054" "5170448" "5394490" "5600741" "6236786" "6285808").PN. OR ("6804423").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/10 12:02 |
| S22 | 10 | ("5550941" "5625734" "5764832" "6064783").PN. OR ("6285808").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/10 12:05 |
| S23 | 4 | ("6282339" or "5375181").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/10 12:05 |
| S24 | 288 | ((filter or isolater) near2 (channel or groove or trench or recess)) and ((lens or micro-lens or microlens or collimator or focusing) with (fiber or fibre)) and ("385"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 13:48 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S25 | 1149 | ((opening or via or groove or trnech or channel or hole or recess) near2 (ferrule ot capillary)) with (drilling or drill or cut or cutting or machining or machine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 09:40 |
| S26 | 95 | S25 and ("385"/\$.cccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 09:41 |
| S27 | 0 | S26 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 09:41 |
| S28 | 9 | ("5325456" "6236782" "6448102").PN. OR ("6485191").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:16 |
| S29 | 221 | ((drill or drilling or drilled) near2 (substrate or support or mount or block)) and lens and (fiber or fibre) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:26 |
| S30 | 18 | ((drill or drilling or drilled) near2 (substrate or support or mount or block)) and lens and (fiber or fibre) and capillary and (cut or cuting or cuts) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:34 |
| S31 | 42 | ((drill or drilling or drilled or bore or boring) near2 (substrate or support or mount or block)) and lens and (fiber or fibre) and capillary and (cut or cuting or cuts) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:58 |
| S32 | 24 | S31 not S30 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:36 |
| S33 | 37 | ("20010006568" "3479107" "4303303" "4497465" "4634239" "4790621" "4802720" "4893891" "4997123" "5321774" "5594820" "5620169" "5675683" "5682452" "5742712" "5796889" "5838847" "5867617" "5940553" "5956411" "5959756" "5999669" "6154585" "6215919" "6292604" "6415067").PN. OR ("6477289").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:37 |
| S34 | 21 | S33 and lens and (substrate or support or base or block) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:58 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S35 | 750 | 385/52.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:58 |
| S36 | 6 | ((drill or drilling or drilled or bore or boring) near2 (substrate or support or mount or block)) and lens and (fiber or fibre) and S35 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 11:59 |
| S37 | 20 | ("5546486" "5642448" "5682452" "6059462" "6168319").PN. OR ("6282339").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:00 |
| S38 | 10 | ("4880289" "5781332" "5841573" "5889904").PN. OR ("6272264").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:01 |
| S39 | 24 | ("4244045" "5579420" "5612824" "5799121" "5917626").PN. OR ("6084994").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:02 |
| S40 | 32 | ("4178073" "4239329" "4268112" "4375910" "4420219" "4548478" "4635246" "4671621" "4712880" "4756607").PN. OR ("4893890").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:15 |
| S41 | 5 | (moy.in. or ramel.in. or dhardemare.in.) and ("385"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:17 |
| S42 | 5 | (moy.in. or ramel.in. or dhardemare.in.) and ("359"/\$.ccls.) or ("385"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:17 |
| S43 | 24 | ("5325456".pn.) or ("5375181".pn.) OR ("6282339".PN.) or ("4682018".PN.) OR ("4743751".PN.) OR ("5815497".PN.) OR ("5864577".PN.) OR ("5850390".pn.) or ("6625174".pn.) or ("5973327".pn.) or ("6512231".pn.) or ("6583419".pn.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 12:18 |
| S44 | 0 | S43 and (drill or drilling or drills or drilled) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 12:18 |

EAST Search History

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| S45 | 37 | (US-20020081066-\$ or US-20030063853-\$ or US-20030103725-\$ or US-20030138183-\$ or US-20030206690-\$ or US-20040175073-\$ or US-20050036740-\$ or US-20050094934-\$ or US-20040120650-\$ or US-20040114876-\$ or US-20030223701-\$ or US-20030123827-\$ or US-20030118294-\$ or US-20030048997-\$).did. or (US-4893890-\$ or US-4925267-\$ or US-5325456-\$ or US-5375181-\$ or US-5384874-\$ or US-5479541-\$ or US-5682452-\$ or US-5768458-\$ or US-6282339-\$ or US-6430337-\$ or US-6438290-\$ or US-6485191-\$ or US-6496623-\$ or US-6751379-\$ or US-6792211-\$ or US-6804423-\$ or US-6907163-\$ or US-6477289-\$ or US-6272264-\$ or US-6085002-\$ or US-6084994-\$ or US-6493484-\$ or US-5267342-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/02/13 12:22 |
| S46 | 30 | S45 and (substrate or support or block) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 12:22 |
| S47 | 1 | S45 and ((drill or dilling or drills or drilled or bore opr bores or bored or boring) with (substrate or support or block)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 12:23 |
| S48 | 11 | ("5325456").URPN. | USPAT | OR | ON | 2006/02/13 12:23 |
| S49 | 6 | ("6485191").URPN. | USPAT | OR | ON | 2006/02/13 12:24 |
| S50 | 65 | 385/14.ccls. and 385/52.ccls. | USPAT | OR | ON | 2006/02/13 12:32 |
| S51 | 6 | ("20010026660" "20040264866" "5611006" "6374021" "6839474" "6904190").PN. OR ("6985647"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:26 |
| S52 | 13 | 385/14.ccls. and ((drill or drilling or drills or bores or bore or boring) near2 (substrate or support or block or wafer or base)) | USPAT | OR | ON | 2006/02/13 12:34 |
| S53 | 1999 | 385/14.ccls. | USPAT | OR | ON | 2006/02/13 12:35 |
| S54 | 1999 | S53 and (ad<="2002") | USPAT | OR | ON | 2006/02/13 12:35 |
| S55 | 0 | S53 and (@ad<="2002") | USPAT | OR | ON | 2006/02/13 12:35 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S56 | 22 | S53 and (substrate or base or support or block) and lens and capillary | USPAT | OR | ON | 2006/02/13 12:37 |
| S57 | 52 | S53 and (substrate or base or support or block) and lens and ferrule | USPAT | OR | ON | 2006/02/13 12:37 |
| S58 | 32 | ("4122479" "4843448" "5027171" "5416043" "5492857" "5493437" "5550380" "5572040" "5596205" "5600169" "5605856" "5663570" "5764832" "5858814" "5861336" "5863823" "5883396" "5895957" "5920233" "5923951" "5930638" "5973363" "5973382" "6005262" "6034431" "6057555" "6081638" "6243508" "6257772" "6389202" "6466349" "6504977").PN. OR ("6869229").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:38 |
| S59 | 93 | ("3968564" "4188708" "4225213" "4373778" "4432604" "4465333" "4485391" "4553811" "4553813" "4585300" "4611886").PN. OR ("4732446").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:45 |
| S60 | 37 | ("3081168" "4136928" "4376160" "4461535" "4564584" "4655876" "4732446" "4751171" "4869780" "5170448" "5279924" "5366849" "5480764").PN. OR ("5786925").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 12:49 |
| S61 | 621 | ((filter or isolater) near2 (channel or groove or trench or recess)) and ((lens or micro-lens or microlens or collimator or focusing) with (fiber or fibre)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 13:49 |
| S62 | 1149 | ((opening or via or groove or trench or channel or hole or recess) near2 (ferrule or capillary)) with (drilling or drill or cut or cutting or machining or machine) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 13:49 |
| S63 | 0 | S62 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/13 13:49 |

EAST Search History

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| S64 | 6 | ("20010026660" "20040264866" "5611006" "6374021" "6839474" "6904190").PN. OR ("6985647").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/13 14:15 |
| S65 | 300 | 385/73.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 13:09 |
| S66 | 2 | "6898338".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 11:17 |
| S67 | 2 | "6411764".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 11:56 |
| S68 | 2 | "20020141682" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 11:56 |
| S69 | 3 | "6801692" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 11:57 |
| S70 | 4 | "6813417" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 11:57 |
| S71 | 14 | "5157746" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 11:58 |
| S72 | 4 | "6813417" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:01 |
| S73 | 2 | "20040067023" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:02 |

EAST Search History

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| S74 | 2 | "20050213870" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:02 |
| S75 | 20 | S65 and (capillary and lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:15 |
| S76 | 14 | S65 and (ferrule and substrate and lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:29 |
| S77 | 37 | ("4836638" "5481629" "5542013" "5611006").PN. OR ("5706371"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/15 12:21 |
| S78 | 14 | drill and cut and (ferrule and substrate and lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:30 |
| S79 | 137 | bore and cut and (ferrule and substrate and lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 13:21 |
| S80 | 132 | S79 not S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:31 |
| S81 | 21 | "5076371" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:40 |
| S82 | 38 | "5706371" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 12:40 |
| S83 | 37 | ("4836638" "5481629" "5542013" "5611006").PN. OR ("5706371"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/15 12:54 |

EAST Search History

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| S84 | 3 | "6580842" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 13:10 |
| S85 | 6 | "6535655" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 13:12 |
| S86 | 3 | "6665464" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 13:13 |
| S87 | 5 | "6118915" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/02/15 13:13 |
| S88 | 6 | ("5325456" or "5375181" or "6282339").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/08/02 17:03 |